NEW JERSEY DEPARTMENT OF HEALTH AND SENIOR SERVICES
HANDS-ON TRAINING REQUIREMENTS

LEAD ABATEMENT CONTRACTOR AND SUPERVISOR TRAINING
COMMERCIAL BUILDINGS AND SUPERSTRUCTURES

Statement of Ensurances

Training courses for *Lead Abatement Contractors and Supervisors for Commercial Buildings and Superstructures* shall be designed and conducted to include, at a minimum, the topics and procedures as specified in (A) through (K) below. This training material is provided to all certified training agencies in accordance with N.J.A.C. 8:62-4.4(c). In order to obtain, or to maintain certification as a New Jersey lead training provider, the applicant or certificant agrees to use and incorporate these materials and directives as provided by the New Jersey Department of Health and Senior Services in the conduct of courses for lead abatement supervision in commercial buildings and superstructures. Any lead-based paint utilized in the training shall be encapsulated, contained, or otherwise controlled in such fashion as to protect human health and the environment. All course content and materials shall reflect and shall be conveyed at a level appropriate for lead-abatement supervisors.

(A) The agency shall construct a hands-on training apparatus where students will be instructed in, and participate in the abatement practices for lead based-paint and lead-based paint hazards. The apparatus shall be fully functional and shall incorporate the details as provided or approved by The Department. Existing building components may be used or modified to fulfill this requirement; all modifications or structures shall be constructed in accordance with applicable health, safety and construction codes. The certified training provider shall ensure the full participation of all trainees in all of the required topics and exercises.

(B) Respiratory Protection:

1. Individual, supervised exercises that include; fit and flow testing, donning and doffing, wearing, adjusting, filter replacement, cleaning procedures and proper care. Fit testing of all trainees shall be conducted using the protocols as detailed in Appendix D to 29 CFR Part 1926.62;

2. This exercise shall include emphasis on the selection of appropriate respiratory protection for task related triggers as specified in 29 CFR Part 1926 and 29 CFR Part 1910.134. The advantages and disadvantages of the available systems shall be stressed; and

3. Respirators shall be: Type C or CE supplied air, Powered Air-Purifying Respirators (PAPR), or Air-Purifying Respirators. All respiratory protection shall be appropriate for that discipline and for the simulated hands-on activities in 29 CFR Part 1926 (d) and (f), further defined as task-related triggers. **Pending the results of a medical determination or in the absence of a medical determination of the ability of a trainee to wear a respirator, the training provider may, as an option, elect to remove those respirator components that are restrictive (of air flow or volume), per the direction or guidance of the manufacturer of that respirator.**

(C)Personal Protective Equipment:

1. Individual, supervised instruction must include: donning, doffing and decontamination of personal protective equipment that is appropriate for the instructional exercise. Such items shall include, but are not limited to, eye protection, head, hand and foot protection, protective clothing and disposable coveralls; and
2. This exercise shall include emphasis on the use of MSDS information to minimize employ exposures regarding the selection of personal protective practices and equipment.

(D) Site Characterization and Preparation:

1. Occupants; personal safety including utilities (gas and electrical services) and site security;

2. Equipment; training shall address the cleaning and removal of movable items such as furniture. Pre-clean all areas to remove simulated dust and contamination prior to sealing fixed items such as duct work, utility and service ports, machinery or computers;

3. Ventilation and electrical systems;

4. Flooring and ground covers;

5. Enclosures and area containment shall be constructed of fire rated (nominal 6 mil) polyethylene sheeting or other suitable materials as per industry practices for bridge, tank and tower abatement;

6. Change area; and

7. Signs.

(E) Engineering and Work Practices:

1. Minimizing lead dust and particulate;

2. Area containment;

3. Removal, encapsulation, enclosure and replacement of simulated lead-based paint hazards on building components and structural steel;

4. Vacuum cleaners equipped with High Efficiency Particulate Air (HEPA) Filters;

5. Specialized tools; and

6. Air filtration units (HEPA equipped) including the techniques for measuring the air flow and volume of air filtration units.

(F) Exposure Measurements and Health Hazards.

1. Interior and exterior area monitoring techniques; and

2. Personal sampling methods.

(G) Personal Hygiene:

1. Decontamination areas: clean room, shower room and equipment room;

2. Direction of air flow; and

3. Sequential steps for decontamination.

(H) Proper Cleanup and Waste Disposal:

1. Clean-up techniques and the sequence of activities; this sequence shall follow the practices for lead abatement in commercial buildings and superstructures as directed by the Commissioner of Health

and Senior Services. The cleanup shall detail all phases and practices including clearance sampling; such practices shall reflect state of the art methodologies;

2. Procedures for conducting visual inspections for clearance sampling; and

3. Disposal including bagging, sealing, drumming, storage and transport including the NJ Department of Environmental Protection (DEP) regulations, sampling (TCLP) techniques and protocol for hazardous materials.

(I) General Safety and Health Plan:

1. Medical Surveillance;

2. Heat stress and heat stroke;

3. Fire safety; including the selection of materials used in containment and the selection and placement of fire extinguishers including emergency egress practice;

4. Emergency procedures to follow in the event of fire, medical emergency, equipment failure of the failure of containment barriers;

5. Gas engines and other sources of carbon monoxide;

6. Slip and fall protection including net and safety line requirements;

7. Scaffolds and ladders;

8. Electrical hazards including GFCI protection and lock and tag-out procedures;

9. Material handling; and
10. General workplace safety with emphasis on coordination of crew assignments and site preparation including confined spaces, auto, truck, rail and maritime safety procedures.

(J) Soil Abatement:

1. Techniques for the removal of lead contaminated soils including interim control methods; and

2. Soils sampling techniques.

(K) Lead-Based Paint; Interior and Exterior Abatement Methods:

1. Trainees shall participate in simulated on-the-job activities in the following subjects: suiting up in disposable full body clothing, sealed and secured in a fashion that is appropriate for the particular work-practice exercise; preparation of the work site; sealing off the work area and the use of the <u>three chambered decontamination unit</u>, various techniques to abate lead-based paint hazards and lead dusts. Trainees shall also participate in the clean-up of interior lead dust and lead paint hazards and exterior dust and soil lead hazards. Each trainee shall wear a respirator and all personal protective equipment during these activities. All training shall conform to applicable building and engineering code requirements.

I agree to abide by the aforementioned provisions and conditions in order to obtain, or to maintain certification as a New Jersey approved training agency for *Lead Abatement Contractors and Supervisors in Commercial Buildings and Superstructures* for the reduction of lead-based paint hazards. I further certify that all training shall be

conducted in accordance with state of the art and state of the science work practices, and that they shall be in accordance with: EPA/HUD practices where applicable, OSHA Part 1926; N.J.A.C. 8:62 and any subsequent and successive applicable regulations as approved by the New Jersey Department of Health and Senior Services.

Agency Name: _____

Agency Address: _____

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Training Manager's Signature: _____ Date:_____